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(71)Applicant: MATSUSHITA ELECTRIC IND CO

LTD

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(72)Inventor: HIRAO TSUNEO

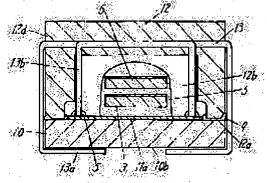
(54) CERAMIC RESONATOR

(57)Abstract:

stable quality and performance and is small-sized and low in cost by forming a terminal plate of a metallic material integrally with a cap case, and adhering and fixing it with an insulating substrate in between. CONSTITUTION: The terminal plate 13 as an outward lead-out electrode is formed integrally with the cap case 12 which contains a capacitance element 3 and a piezoelectric element 6. Then the terminal plate 13 is so folded that the insulating substrate 10 is sandwiched, and the cap case 12 and insulating plate 10 are adhered

and fixed. This constitution restricts a cap case mounting shift, so the insulating substrate 10 is made small in area at low cost, and a small- area product can be obtained.

PURPOSE: To obtain a ceramic resonator which has



Further, the terminal plate 13 is used as an electrode to secure stable soldering not affected by adhesives. The cap case 12 is preferably molded out of resin material of ≥260°C in thermal deformation temperature integrally with the end plate 13.

LEGAL STATUS

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